

Specification

Sodium Acetate 3-hydrate *BioChemica*

A1045

Solubility:	1250 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1045
Product Name:	Sodium Acetate 3-hydrate <i>BioChemica</i>
Specifications:	<p>Assay (titr.): min. 99.5 %</p> <p>pH (5 %; H₂O; 25°C): 7.5 - 9.0</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Insoluble matter: passes test</p> <p>Chloride: max. 0.0005 %</p> <p>Phosphate: max. 0.0002 %</p> <p>Sulfate: max. 0.002 %</p> <p>A (1 cm/1 M in H₂O)</p> <p>260 nm: max. 0.01</p> <p>280 nm: max. 0.01</p>
WGK:	1
Storage:	RT
Molecular Formula:	CH ₃ COONa · 3H ₂ O
M:	136.08 g/mol
CAS:	6131-90-4
EINECS:	204-823-8
CS:	29152900
Comment	<p>Sodium acetate is widely used in combination with ethanol to precipitate nucleic acids. A 3 M sodium acetate solution (pH 5.5) is used as a stock solution. To precipitate nucleic acids, this stock solution is mixed with the DNA solution in the ratio 1\10 (final concentration 0.3 M). For designated uses other salts like potassium acetate (A1498), ammonium acetate (A1030) or lithium chloride (A0985) should be preferred (1).</p>

AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

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Bibliography

(1)Wallace, D.M. (1987) *Methods Enzymol.* **152**, 41-48 Precipitation of nucleic acids.

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CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340